

# Global Neodymium(III) Fluoride (NdF<sub>3</sub>) Market Growth 2022-2028

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## Abstracts

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NdF<sub>3</sub> is used in the manufacture of scintillators for detectors, rare earth crystal laser materials and rare earth fluoride glass fibers. In the metallurgical industry, it is used as an additive for aviation magnesium alloys and electrolytic production of metal neodymium. NdF<sub>3</sub> is used to make carbon electrodes for arc lighting in light sources. It is also the raw material of neodymium iron boron alloy (NdFeB).

The global market for Neodymium(III) Fluoride (NdF<sub>3</sub>) is estimated to increase from US\$ million in 2021 to reach US\$ million by 2028, exhibiting a CAGR of % during 2022-2028. Keeping in mind the uncertainties of COVID-19 and Russia-Ukraine War, we are continuously tracking and evaluating the direct as well as the indirect influence of the pandemic on different end use sectors. These insights are included in the report as a major market contributor.

The APAC Neodymium(III) Fluoride (NdF<sub>3</sub>) market is expected at value of US\$ million in 2022 and grow at approximately % CAGR during 2022 and 2028.

The United States Neodymium(III) Fluoride (NdF<sub>3</sub>) market is expected at value of US\$ million in 2022 and grow at approximately % CAGR during 2022 and 2028.

The Europe Neodymium(III) Fluoride (NdF<sub>3</sub>) market is expected at value of US\$ million in 2022 and grow at approximately % CAGR during 2022 and 2028.

The China Neodymium(III) Fluoride (NdF<sub>3</sub>) market is expected at value of US\$ million in 2022 and grow at approximately % CAGR during 2022 and 2028.

Global key Neodymium(III) Fluoride (NdF3) players cover Pelchem, Merck KGaA, EPI Materials, Zegen Metals&Chemicals and Liche Opto, etc. In terms of revenue, the global largest two companies occupy a share nearly % in 2021.

## Report Coverage

This latest report provides a deep insight into the global Neodymium(III) Fluoride (NdF3) market covering all its essential aspects. This ranges from a macro overview of the market to micro details of the market size, competitive landscape, development trend, niche market, key market drivers and challenges, value chain analysis, etc.

This report aims to provide a comprehensive picture of the global Neodymium(III) Fluoride (NdF3) market, with both quantitative and qualitative data, to help readers understand how the Neodymium(III) Fluoride (NdF3) market scenario changed across the globe during the pandemic and Russia-Ukraine War.

The base year considered for analyses is 2021, while the market estimates and forecasts are given from 2022 to 2028. The market estimates are provided in terms of revenue in USD millions and volume in Tons.

## Market Segmentation:

The study segments the Neodymium(III) Fluoride (NdF3) market and forecasts the market size by Type (4N5, 4N and 3N5), by Application (Used as Neodymium Intermediate, Phosphor for Lighting, Additive for Magnesium Alloys and Materials for Detector Scintillation), and region (APAC, Americas, Europe, and Middle East & Africa).

## Segmentation by type

4N5

4N

3N5

3N

2N5

2N

### Segmentation by application

Used as Neodymium Intermediate

Phosphor for Lighting

Additive for Magnesium Alloys

Materials for Detector Scintillation

For Making Fluoride Glasses

Electrolysis and High Temperature Materials

Other

### Segmentation by region

#### Americas

United States

Canada

Mexico

Brazil

#### APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

Major companies covered

Pelchem

Merck KGaA

EPI Materials

Zegen Metals&Chemicals

Liche Opto

JIATON Technology

Materion

Ganzhou Sequoia Rare Earth

## Chapter Introduction

Chapter 1: Scope of Neodymium(III) Fluoride (NdF<sub>3</sub>), Research Methodology, etc.

Chapter 2: Executive Summary, global Neodymium(III) Fluoride (NdF<sub>3</sub>) market size (sales and revenue) and CAGR, Neodymium(III) Fluoride (NdF<sub>3</sub>) market size by region, by type, by application, historical data from 2017 to 2022, and forecast to 2028.

Chapter 3: Neodymium(III) Fluoride (NdF<sub>3</sub>) sales, revenue, average price, global market share, and industry ranking by company, 2017-2022

Chapter 4: Global Neodymium(III) Fluoride (NdF<sub>3</sub>) sales and revenue by region and by country. Country specific data and market value analysis for the U.S., Canada, Europe, China, Japan, South Korea, Southeast Asia, India, Latin America and Middle East & Africa.

Chapter 5, 6, 7, 8: Americas, APAC, Europe, Middle East & Africa, sales segment by country, by type, and type.

Chapter 9: Analysis of the current market trends, market forecast, opportunities and economic trends that are affecting the future marketplace

Chapter 10: Manufacturing cost structure analysis

Chapter 11: Sales channel, distributors, and customers

Chapter 12: Global Neodymium(III) Fluoride (NdF<sub>3</sub>) market size forecast by region, by country, by type, and application.

Chapter 13: Comprehensive company profiles of the leading players, including Pelchem, Merck KGaA, EPI Materials, Zegen Metals&Chemicals, Liche Opto, JIATON Technology, Materion and Ganzhou Sequoia Rare Earth, etc.

Chapter 14: Research Findings and Conclusion

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